

# ENVIRONMENTAL EMERGENCY RESPONSE

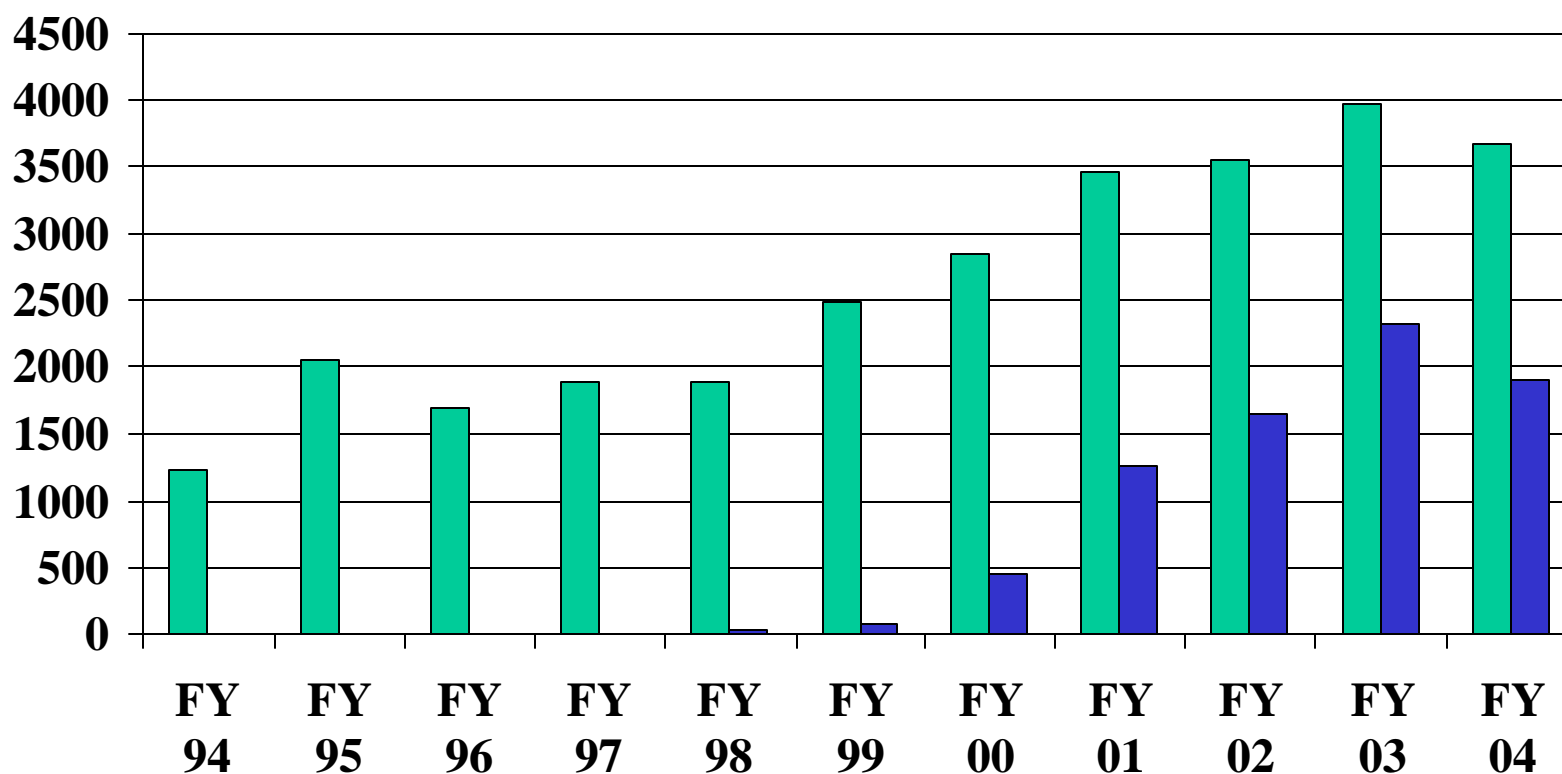


## FY-'04 Incident Summary Report

**Environmental Services Program  
Environmental Emergency Response Unit  
Incident Report Summary from 07/01/2003 to 06/30/2004**

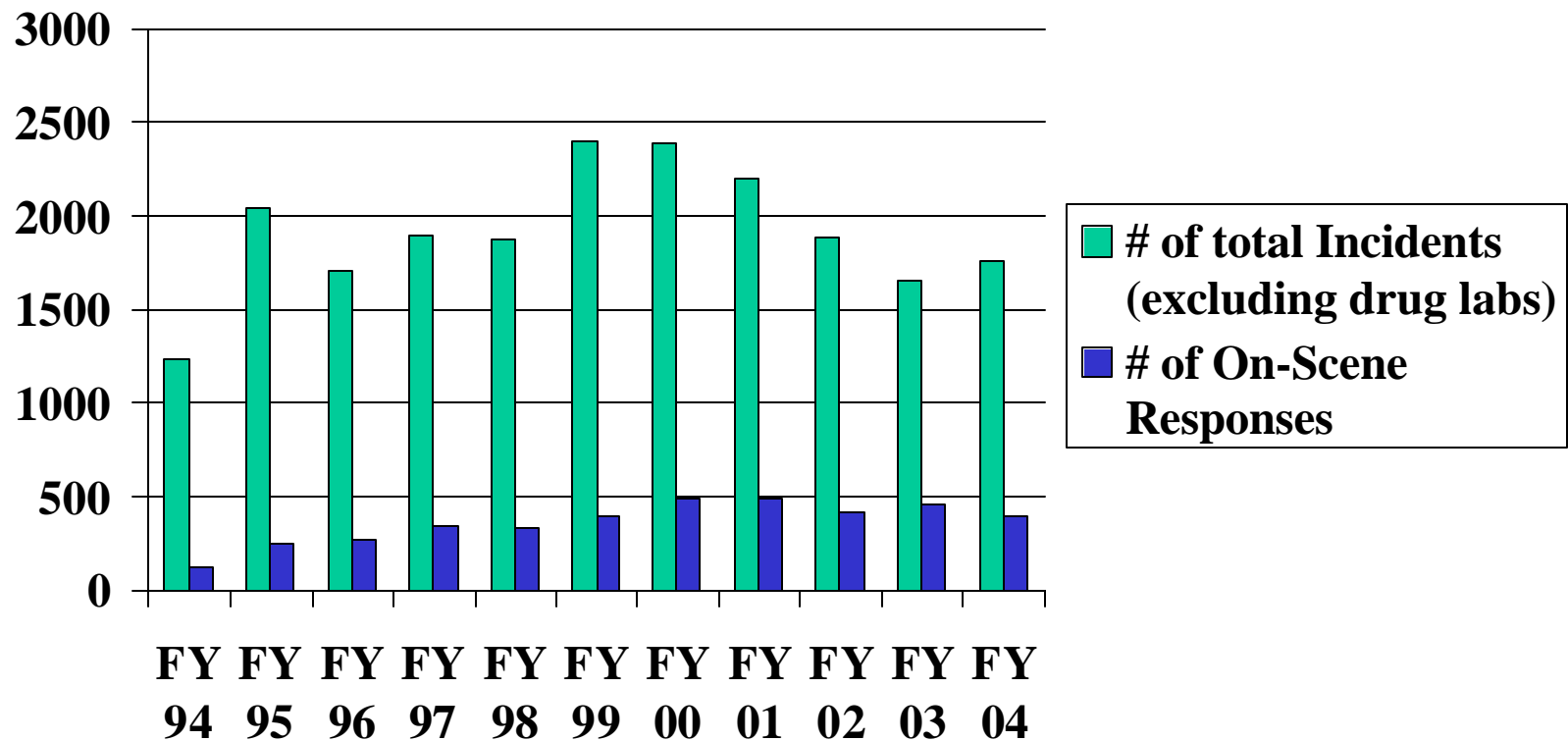
| <b>Regional Office</b>        | <b>SLRO</b> | <b>KCRO</b> | <b>SWRO</b> | <b>JCRO</b> | <b>SERO</b> | <b>NERO</b> | <b>Out of State</b> | <b>Totals</b> |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|---------------|
| <b>Total Incidents</b>        | 471         | 427         | 271         | 0           | 225         | 238         | 0                   | 1638          |
| <b>Materials Involved:</b>    |             |             |             |             |             |             |                     |               |
| Ag Chem                       | 8           | 10          | 6           |             | 7           | 9           | 1                   | 41            |
| Other                         | 174         | 142         | 102         |             | 93          | 107         | 2                   | 620           |
| PCB                           | 3           | 1           | 0           |             | 1           | 1           | 0                   | 6             |
| Petroleum                     | 277         | 245         | 149         |             | 116         | 119         | 3                   | 909           |
| Radiation                     | 3           | 4           | 1           |             | 3           | 0           | 0                   | 11            |
| Sewage                        | 13          | 33          | 18          |             | 10          | 8           | 0                   | 82            |
| <b>Locations:</b>             |             |             |             |             |             |             |                     |               |
| Fixed Facility                | 285         | 262         | 179         | 0           | 127         | 148         | 0                   | 1001          |
| Transportation                |             |             |             |             |             |             |                     |               |
| Motor Vehicle                 | 92          | 50          | 41          | 0           | 42          | 43          | 0                   | 268           |
| Railroad                      | 18          | 37          | 14          | 0           | 13          | 6           | 0                   | 88            |
| Pipeline                      | 2           | 32          | 2           | 0           | 4           | 9           | 0                   | 49            |
| Water/Waterway                | 51          | 17          | 21          | 0           | 15          | 17          | 0                   | 126           |
| Aircraft                      | 6           | 4           | 1           | 0           | 3           | 0           | 0                   | 14            |
| <b>Total Transportation:</b>  |             |             |             |             |             |             |                     | <b>545</b>    |
| <b>Incident Cause:</b>        |             |             |             |             |             |             |                     |               |
| Abandoned Containers          | 52          | 26          | 18          |             | 14          | 19          | 0                   | 129           |
| Accident                      | 88          | 89          | 74          |             | 72          | 63          | 2                   | 388           |
| Act Of God                    | 8           | 22          | 5           |             | 1           | 6           | 0                   | 42            |
| Equipment Failure             | 56          | 41          | 28          |             | 20          | 26          | 0                   | 171           |
| Intentional Discharge         | 70          | 83          | 50          |             | 42          | 45          | 0                   | 290           |
| Leaking Tank                  | 83          | 56          | 44          |             | 25          | 24          | 0                   | 232           |
| Operator Error                | 40          | 25          | 12          |             | 7           | 22          | 2                   | 108           |
| Other/Unknown                 | 74          | 85          | 40          |             | 44          | 33          | 2                   | 278           |
| <b>Total Incidents:</b>       |             |             |             |             |             |             |                     | <b>1638</b>   |
| <b>Fish Kill:</b>             | 3           | 2           | 2           | 0           | 2           | 5           | 0                   | 14            |
| <b>DNR On Scene Response:</b> |             |             |             |             |             |             |                     |               |
| Immediate On-Scene            |             |             |             |             |             |             |                     |               |
| EER - ESP Staff               | 8           | 3           | 8           |             | 10          | 29          | *****               | 58            |
| EER - Regional Staff          | 51          | 31          | 25          |             | 28          | 18          | *****               | 153           |
| Other Regional Staff          | 5           | 7           | 7           |             | 4           | 6           | *****               | 29            |
| Non-Immediate On-Scene        |             |             |             |             |             |             |                     |               |
| EER - ESP Staff               | 5           | 5           | 10          |             | 2           | 14          | *****               | 36            |
| EER - Regional Staff          | 65          | 37          | 24          |             | 16          | 11          | *****               | 153           |
| Other Regional Staff          | 24          | 40          | 44          |             | 39          | 22          | *****               | 169           |

## Total Number of Incident Reports Taken Via the 24-hour Emergency Line (573) 634-2436



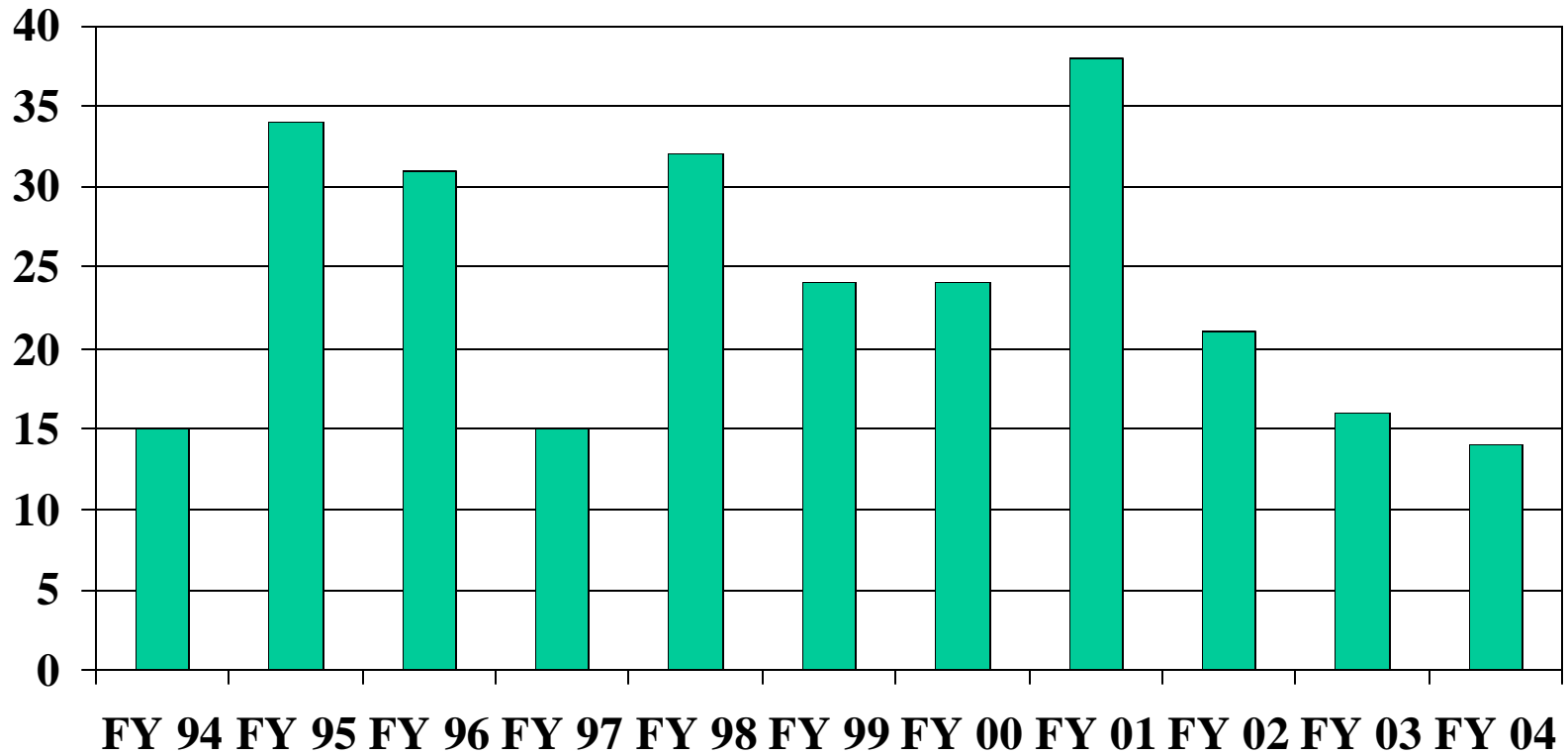
The green bar indicates total incident reports taken including drug lab material reports received. The blue bar indicates the drug lab material reports received.

## Number of On-Scene Responses Compared to the Number of Incidents Received



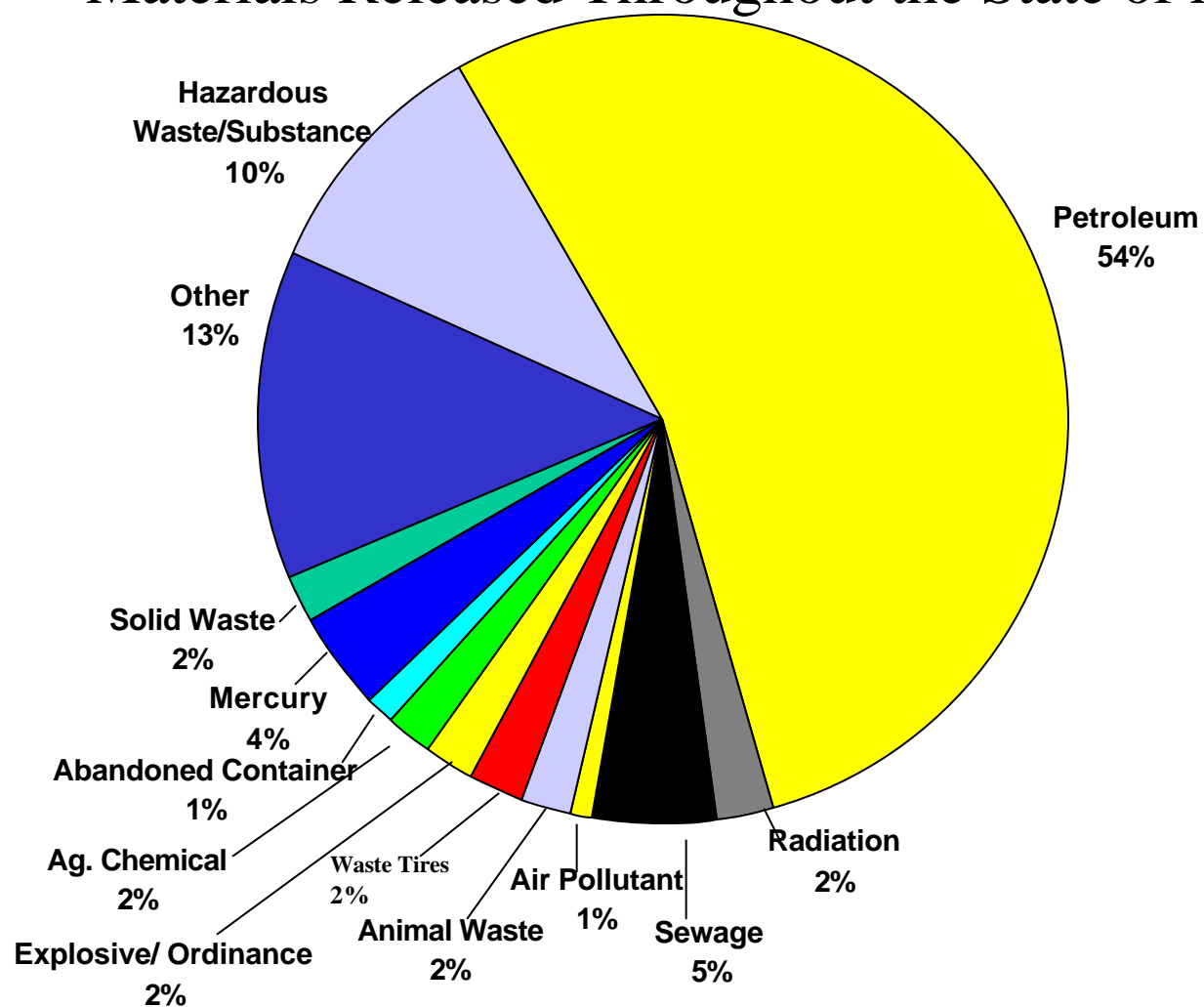
The total number of incidents received does not include drug lab incidents received.

## Number of Fish Kill Incidents Reported



# Fiscal Year 2004

## Materials Released Throughout the State of Missouri

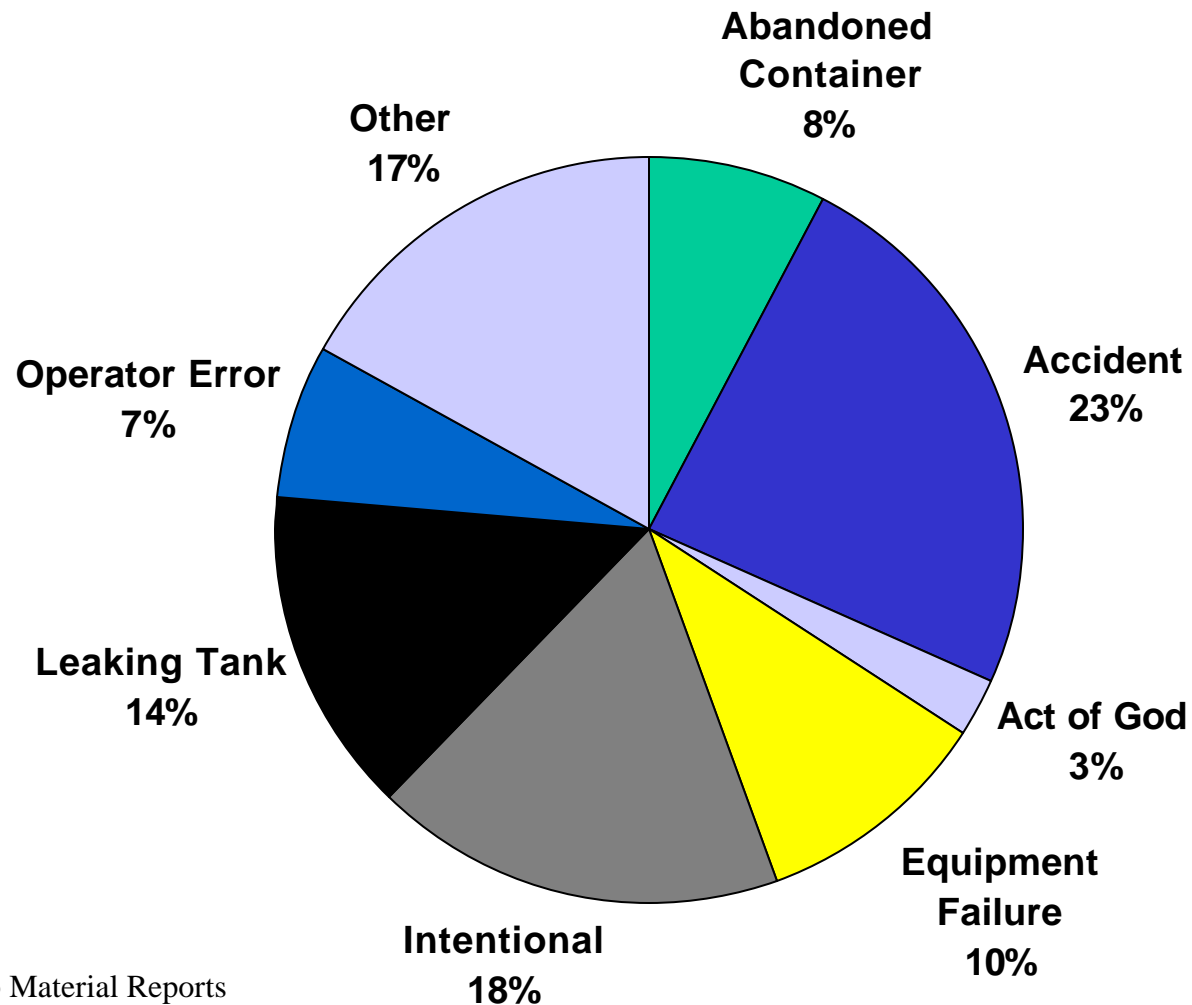


Other: Foodstuff, Misc. Materials, Unknowns, Medical Waste

Excludes Drug Lab Material Reports

# Fiscal Year 2004

## Cause of Releases Throughout the State of Missouri

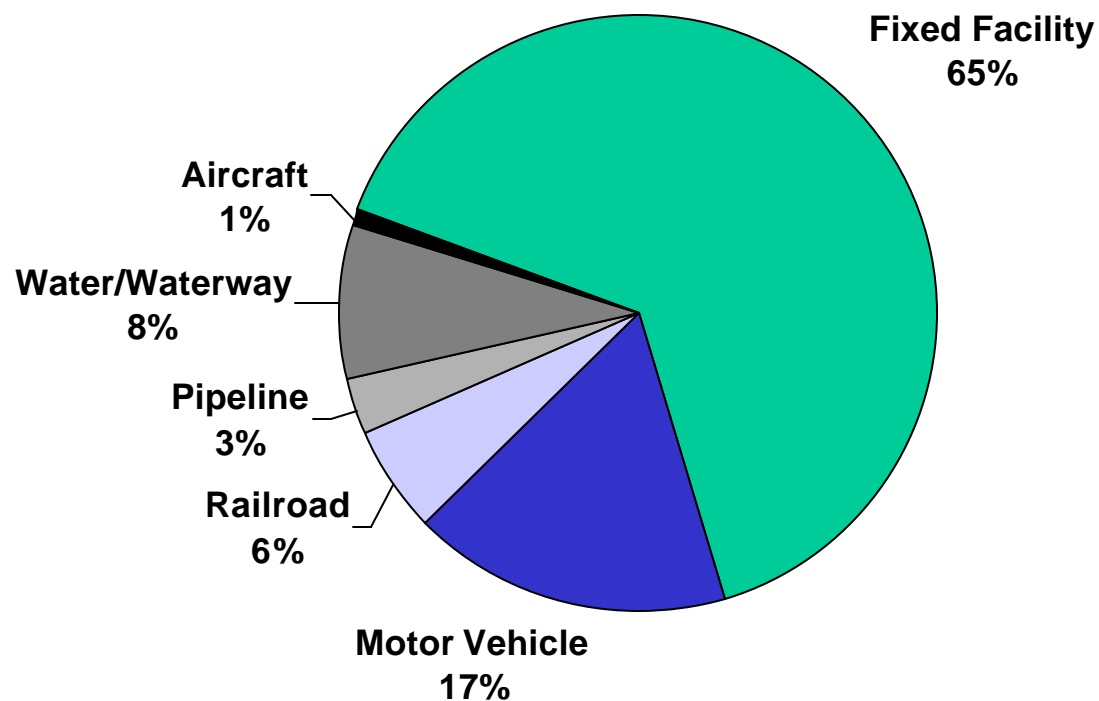


Excludes Drug Lab Material Reports

Other category includes primarily unknown or undetermined incident causes.

# Fiscal Year 2004

## Type/Location of Releases Throughout the State of Missouri



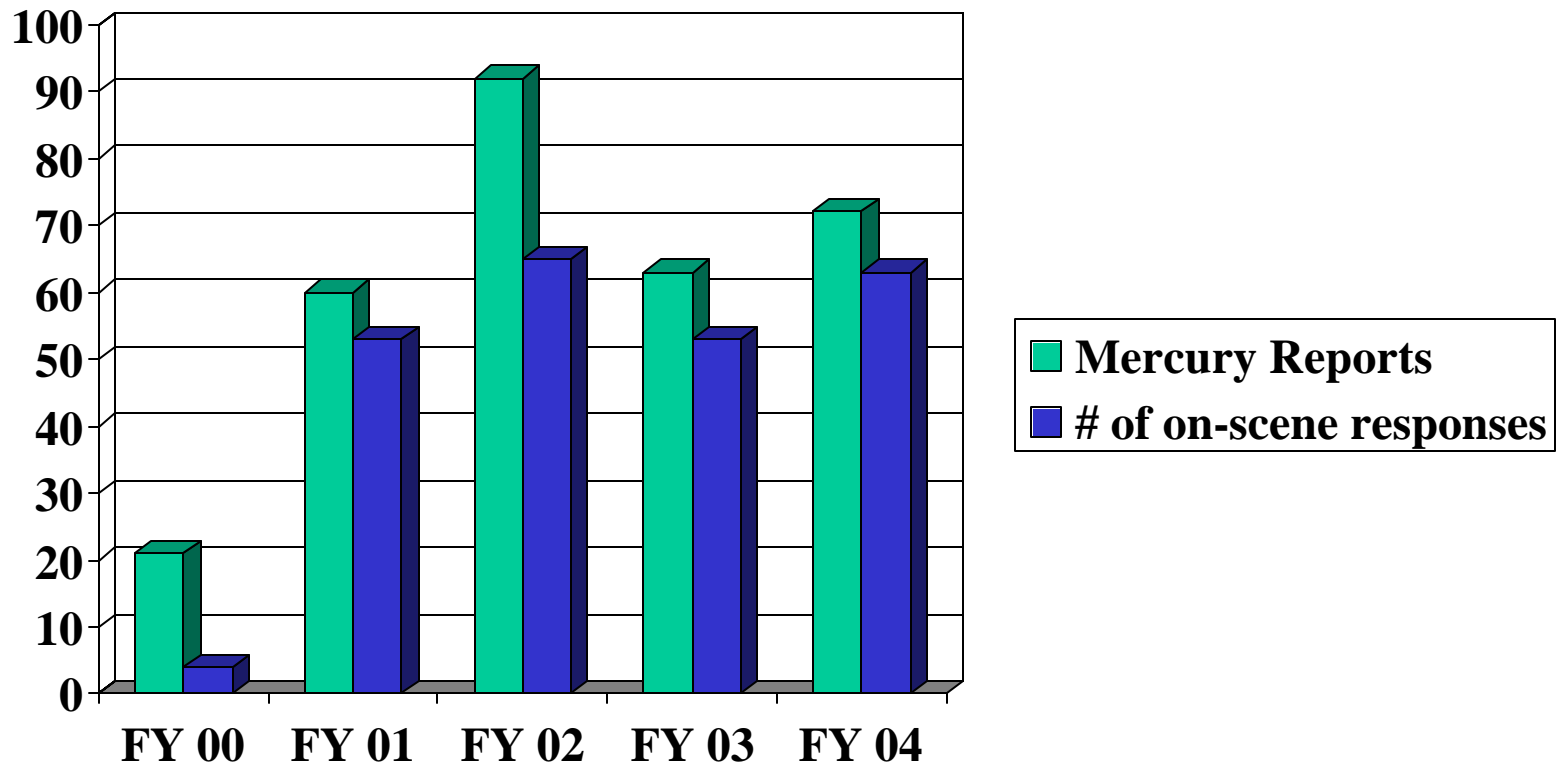
Excludes Drug Lab Material Reports

### Fixed Facility:

Private Residence;  
Educational Facility;  
Health Care Facility;  
Distribution Facility;  
Manufacturing Facility;  
Power Plant;  
Transformer;  
Solid Waste Facility;  
Waste Water Treatment Facility;  
Agricultural Facility;  
Retail Facility;  
Mining Facility;  
Salvage Yard;  
Gas Station;  
Other Fixed Facility.



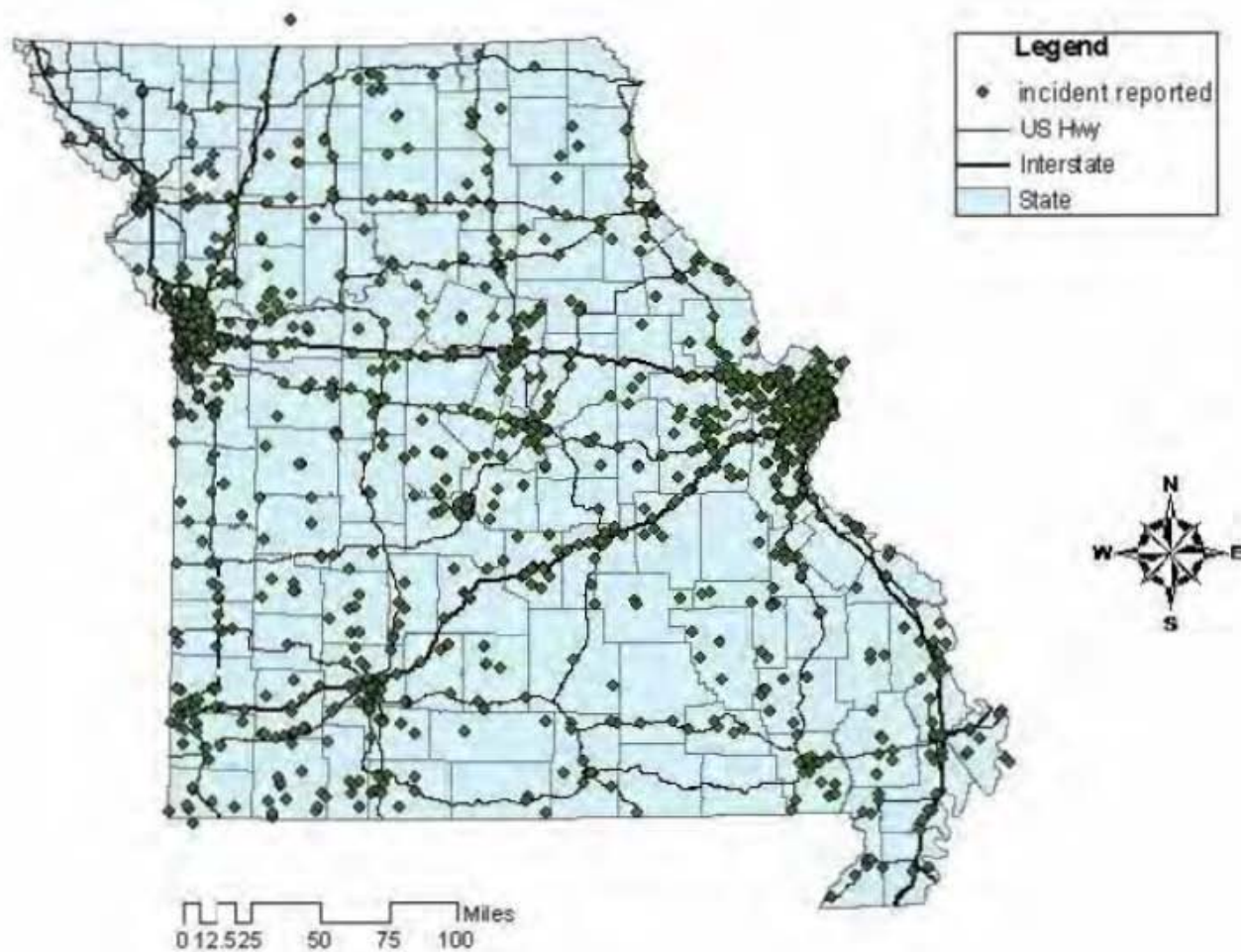
## Mercury Reports FY 00 - FY 04



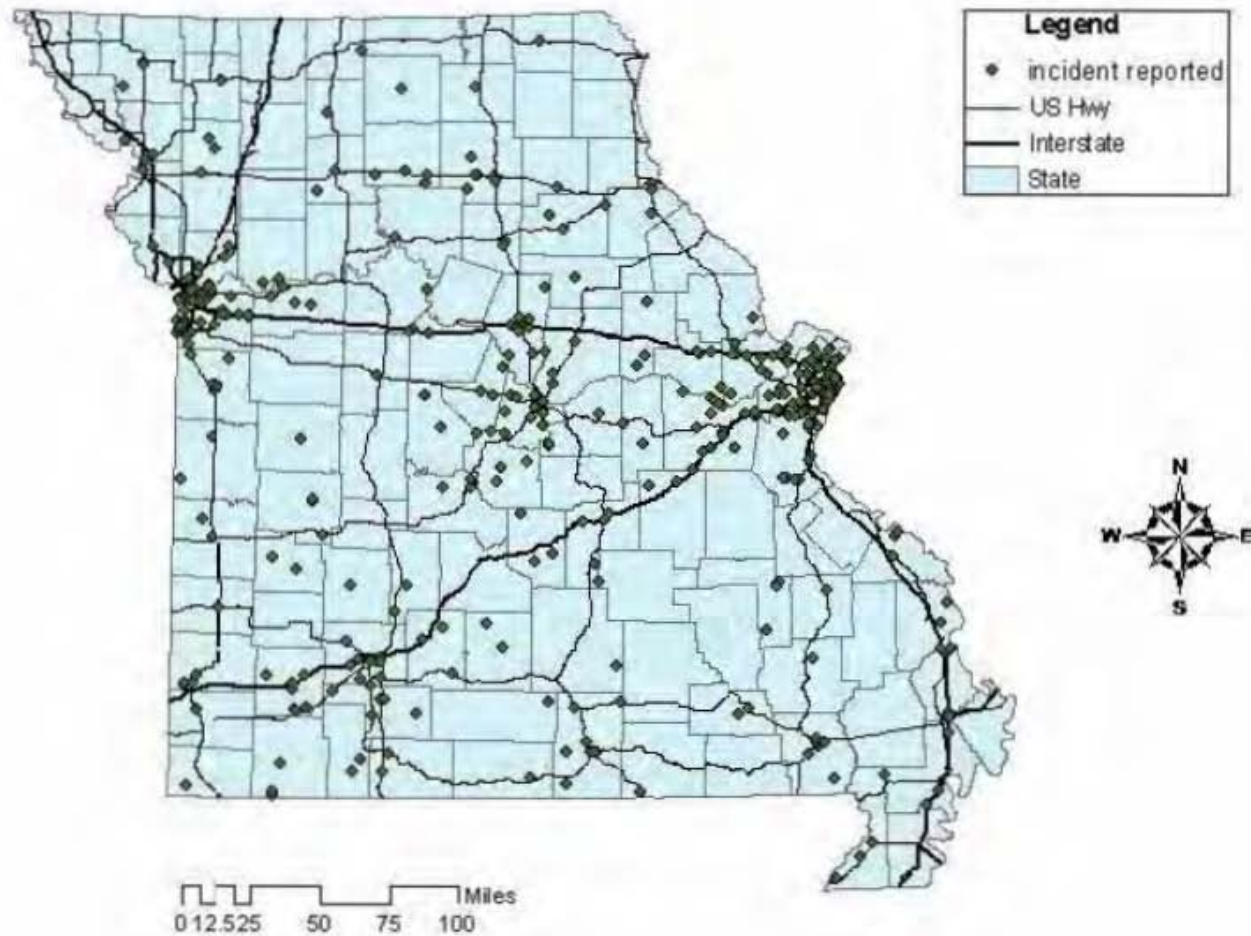
The increase in the number of mercury reports is primarily due to a change in procedure where an EER Incident Report is completed for all mercury related calls. The majority of mercury reports include releases from broken thermostat switches, broken household and lab thermometers, and requests from private citizens to recycle elemental mercury found in containers at residences. On-Scene responses include air monitoring, small quantity cleanups, and collection of elemental mercury and mercury containing devices for recycling.

# FY '04 EER Incidents Reported

(methamphetamine incidents not shown)



## FY '04 EER Incidents On Site Responses



**Release of waste agricultural chemicals at a facility.  
Monroe County**





**Gasoline release from overturned tanker truck.  
Montgomery County**



**Tanker truck incident involving diesel fuel.  
Jefferson County**



**Train derailment involving military tanks and diesel fuel.  
Jackson County**





**Fire involving waste tires and miscellaneous wastes.  
Dunklin County**

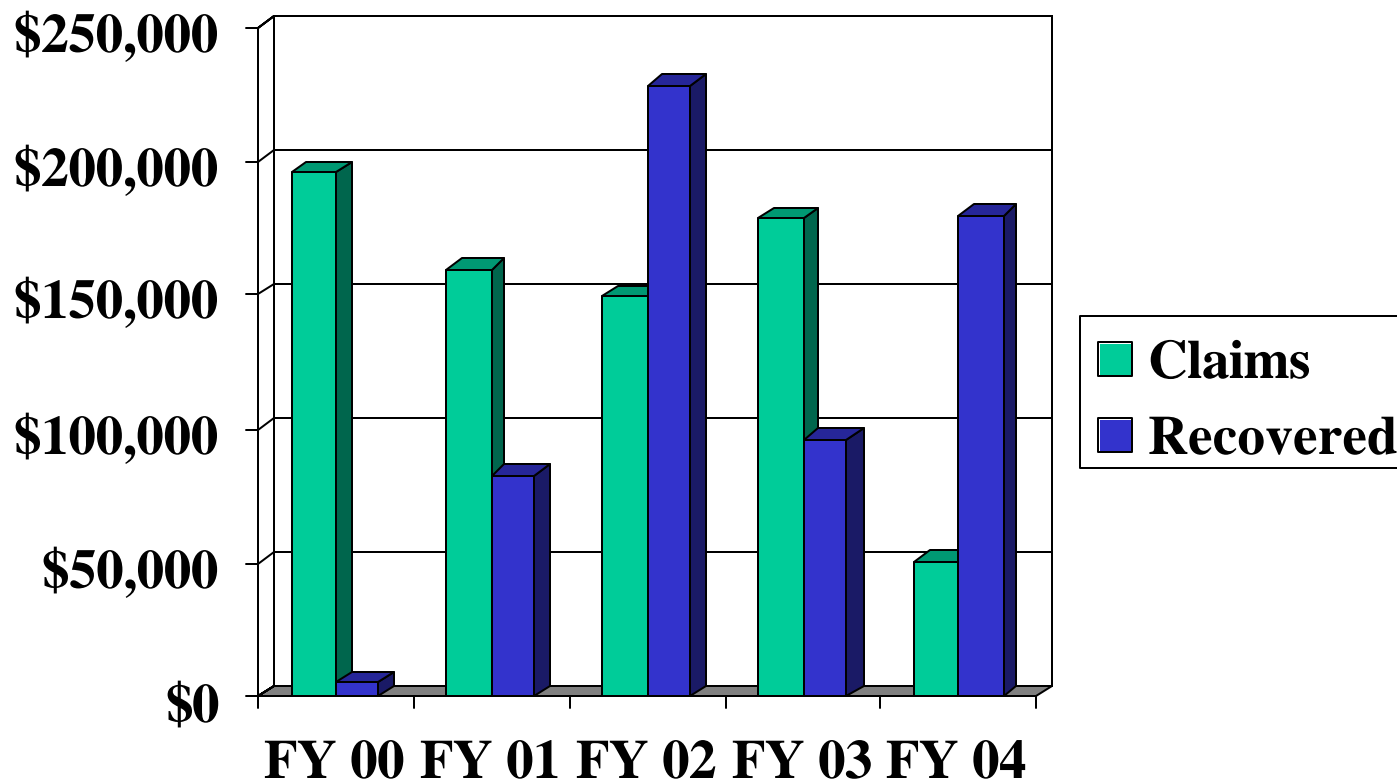




**Abandoned hazardous waste drum site.  
St. Clair County**

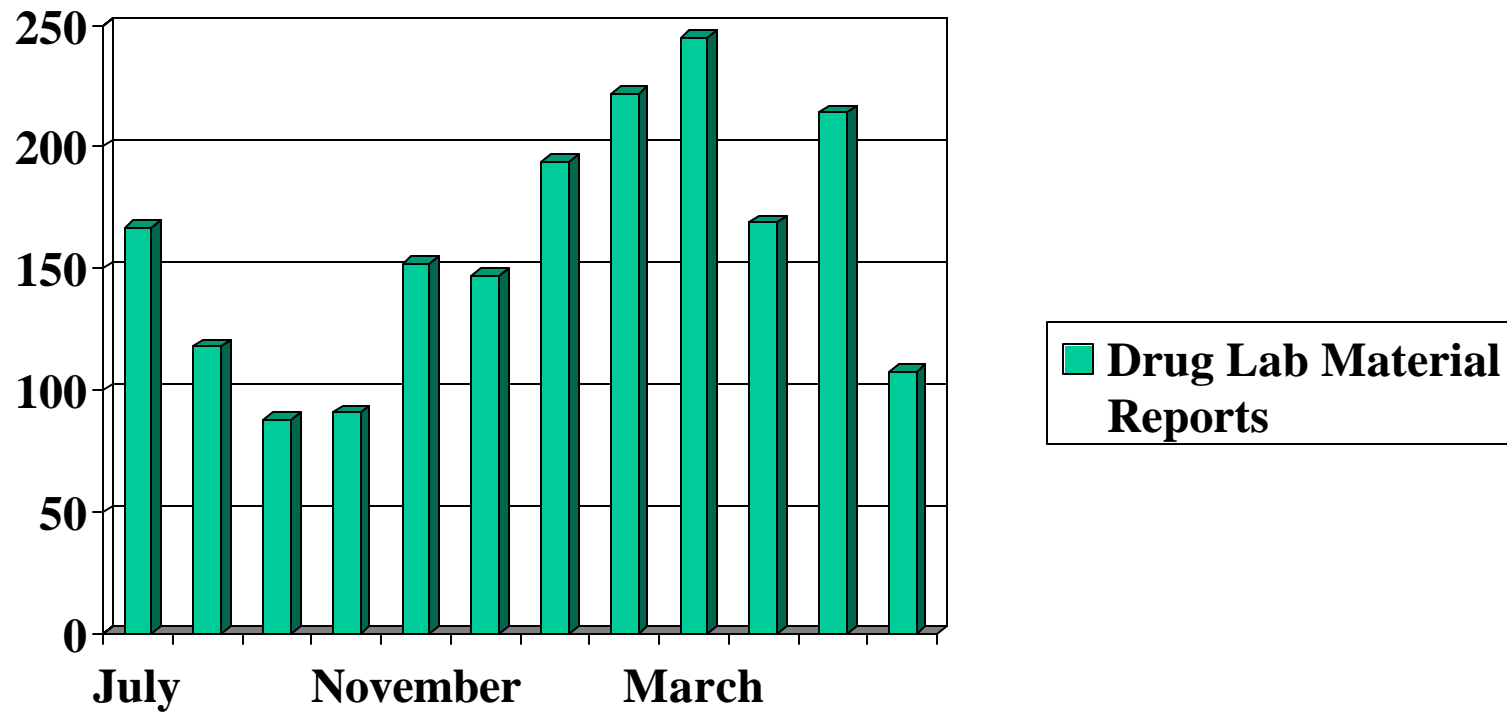


# Cost Recovery Claims versus Recovered Costs



The claim amount for FY 04 is \$50,886.37. The recovered amount for FY 04 is \$179,071.86. The FY 04 recovered amount can be contributed to some of the pending claims received from past fiscal years.

## Fiscal Year 2004 Drug Lab Material Reports



Total of 1915 Drug Lab Material Reports were received via the MDNR 24-Hour Environmental Emergency Spill line. The table represents when the labs were reported to the MDNR 24-Hour Environmental Emergency Spill line. It does not represent when the drug labs were discovered/seized by law enforcement officials.